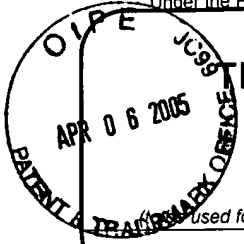


Tfw 2666 \$

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(Use for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/393,126
Filing Date	September 10, 1999
First Named Inventor	Roberto Aiello
Art Unit	2666
Examiner Name	Ronald Abelson
Attorney Docket Number	00030

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Check#11809 for \$180.00
Remarks The Commissioner is hereby authorized to charge any additional fees due in connection with this submission to Deposit Account 50-3143, in the name of Pulse-LINK, Inc.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Pulse-LINK, Inc.		
Signature			
Printed name	Peter R. Martinez		
Date	April 4, 2005	Reg. No.	42,845

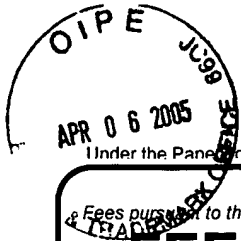
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Peter R. Martinez	Date	April 4, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	09/393,126
Filing Date	September 10, 1999
First Named Inventor	Roberto Aiello
Examiner Name	Ronald Abelson
Art Unit	2666
Attorney Docket No.	00030

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 50-3143 Deposit Account Name: Pulse~LINK, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
- 20 or HP =	x	=		Fee (\$)	Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT \$180.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 42,845	Telephone 760-607-0844
Name (Print/Type)	Peter R. Martinez		Date April 4, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Docket No.: 00030

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Roberto Aiello et al.)	
)	
Serial No.: 09/393,126)	
)	Art Unit: 2666
Filed: September 10, 1999)	
)	
For: BASEBAND WIRELESS)	Examiner: Ronald Abelson
NETWORK FOR ISOCHRONOUS)	
COMMUNICATION)	

Carlsbad, California
April 4, 2005

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

04/06/2005 SFELEKE1 00000036 09393126

01 FC:1806

180.00 OP

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. § 1.56, Applicants make the documents listed on the enclosed PTO/SB/08 form of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

Copies of the U.S. patents and published U.S. patent applications listed on the enclosed form PTO/SB/08 are not enclosed, in accordance with the waiver of the requirement of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and U.S. patent application

publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice (Week No. 31) dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003."

However, the 12 foreign patent documents and the 8 non-patent literature documents listed on the PTO/SB/08 form are included for review and consideration.


The U.S. and foreign, patents and published patent applications, and the non-patent literature listed on the enclosed PTO/SB/08 form may be cited in several of the following patent applications, which may be related to the present application: Serial No. 09/599,969, filed June 21, 2000; Serial No. 09/599,969, filed June 21, 2000; Serial No. 09/393,122, filed September 10, 1999; Serial No. 10/611,199, filed June 30, 2003; Serial No. 09/480,837, filed January 10, 2000; Serial No. 10/623,061, filed July 18, 2003; Serial No. 09/603,310, filed June 21, 2000; Serial No. 09/599,969, filed June 21, 2000; Serial No. 09/599,968, filed June 21, 2000; Serial No. 09/599,969, filed June 21, 2000; Serial No. 09/949,256, filed September 7, 2001; Serial No. 10/924,143, filed August 23, 2004; Serial No. 09/710,065, filed November 9, 2000; Serial No. 09/788,295, filed February 16, 2001; Serial No. 09/805,735, filed March 13, 2001; and Serial No. 10/238,995, filed September 9, 2002.

This Supplemental Information Disclosure Statement is accompanied by the requisite fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00.

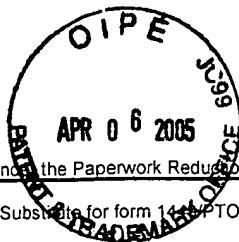
It is respectfully requested that these documents be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent(s) that may issue from this application. It is also respectfully requested that a copy of Form PTO/SB/08, as considered and initiated by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

Respectfully submitted,

April 4, 2005
Date



Peter R. Martinez
Attorney for Applicant(s)
Reg. No. 42,845
c/o Pulse~LINK, Inc.
1969 Kellogg Avenue
Carlsbad, CA 92008
Telephone No.: (760) 607-0844



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449 PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 8

Complete if Known

Application Number	09/393,126
Filing Date	September 10, 1999
First Named Inventor	Roberto Aiello
Art Unit	2666
Examiner Name	Ronald Abelson
Attorney Docket Number	00030

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,668,639	06-06-1972	Harmuth	
		US- 3,875,524	04-1975	Harzer et al.	
		US- 4,201,892	05-06-1980	Schmidt	
		US- 4,232,339	11-1980	Smiley et al.	
		US- 4,506,267	03-19-1985	Harmuth	
		US- 4,574,378	03-1986	Kobayashi	
		US- 4,586,177	04-29-1986	Kaul	
		US- 4,587,494	05-06-1986	Widlar	
		US- 4,644,534	02-1987	Sperlich	
		US- 4,651,152	03-17-1987	Harmuth	
		US- 4,672,608	06-1987	Ball et al.	
		US- 4,743,906	05-10-1998	Fullerton	
		US- 4,763,325	08-1988	Wolfe et al.	
		US- 4,813,057	03-14-1989	Fullerton	
		US- 4,887,266	12-12-1989	Neve et al.	
		US- 5,134,408	07-28-1992	Harmuth	
		US- 5,148,174	09-15-1992	Harmuth	
		US- 5,153,595	10-06-1992	Harmuth	
		US- 5,159,343	10-27-1492	Harmuth	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 307 962 A3	05-16-2000	Sonetaka		
		EP 0 307 962 B1	03-22-1989	Sonetaka		
		EP 0 817 399 A2	01-07-1998	Roberts et al.		
		EP 0 817 399 A3	07-10-1998	Roberts et al.		
		EP 0 825 794 A2	02-25-1998	Agrawal et al.		
		EP 0 825 794 A3	01-12-2000	Agrawal et al.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/393,126
Filing Date	September 10, 1999
First Named Inventor	Roberto Aiello
Art Unit	2666
Examiner Name	Ronald Abelson
Attorney Docket Number	00030

Sheet 2

of 8

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,253,202	10-12-1993	Bronner et al.	
		US- 5,274,271	12-28-1993	McEwan	
		US- 5,307,079	04-26-1994	Ross et al.	
		US- 5,307,081	04-26-1994	Harmuth	
		US- 5,319,218	06-07-1994	Kim et al.	
		US- 5,334,975	08-02-1994	Wachob et al.	
		US- 5,355,374	10-11-1994	Hester et al.	
		US- 5,365,240	11-15-1994	Harmuth	
		US- 5,473,668	12-05-1995	Nakahara	
		US- 5,493,691	02-20-1996	Barrett	
		US- 5,519,400	05-1996	McEwan	
		US- 5,523,758	06-04-1996	Harmuth	
		US- 5,546,022	08-13-1996	D'Souza et al.	
		US- 5,586,145	12-17-1996	Morgan et al.	
		US- 5,592,177	01-07-1997	Barrett	
		US- 5,594,738	01-1997	Crisler et al.	
		US- 5,610,907	03-11-1997	Barrett	
		US- 5,627,829	05-06-1997	Gleeson et al.	
		US- 5,675,388	10-1997	Cooper	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 01/93434 A2	10-06-2001	Rofheart et al.		
		WO 02/31986 A2	04-18-2002	McCorkle et al.		
		WO 91/07030 A1	05-16-1991	Nolam et al.		
		WO 95/23461 A1	08-31-1995	Hirt		
		WO 97/21294 A2	06-12-1997	Trompower		
		WO 98/27670 A1	06-25-1998	Wood		

Examiner
SignatureDate
Considered

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TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 8

Complete if Known

Application Number	09/393,126
Filing Date	September 10, 1999
First Named Inventor	Roberto Aiello
Art Unit	2666
Examiner Name	Ronald Abelson
Attorney Docket Number	00030

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,715,236	02-03-1998	Gilhausen et al.	
		US- 5,742,592	04-21-1998	Scholefield et al.	
		US- 5,748,891	05-05-1998	Fleming et al.	
		US- 5,761,197	06-1998	Takefman	
		US- 5,790,551	08-04-1998	Chan	
		US- 5,812,671	09-1998	Ross	
		US- 5,815,537	09-29-1998	Janssen	
		US- 5,832,035	11-03-1998	Fullerton	
		US- 5,850,422	12/1998	Chen	
		US- 5,886,652	03-1999	Adachi et al.	
		US- 5,889,767	03-1999	Kimura	
		US- 5,901,172	05-04-1999	Fontana et al.	
		US- 5,903,605	05-1999	Crittenden	
		US- 5,909,469	06-01-1999	Frodigh et al.	
		US- 5,909,491 A	06-1999	Luo	
		US- 5,920,278	07-06-1999	Tyler et al.	
		US- 5,926,501	07-20-1999	Souissi et al.	
		US- 5,940,435	08-1999	Hendrickson	
		US- 5,940,452	08-17-1999	Rich	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 8

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Application Number	09/393,126
Filing Date	September 10, 1999
First Named Inventor	Roberto Aiello
Art Unit	2666
Examiner Name	Ronald Abelson
Attorney Docket Number	00030

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,952,956	09-14-1999	Fullerton	
		US- 5,953,344	09-14-1999	Dail et al.	
		US- 5,960,000	09-28-1999	Ruszczuk et al.	
		US- 5,970,062	10-19-1999	Bauchot	
		US- 5,977,822	11-02-1999	Rybicki et al.	
		US- 6,002,708	12-14-1999	Fleming et al.	
		US- 6,026,125	02-15-2000	Larrick, Jr. et al.	
		US- 6,041,051	03-2000	Doshi et al.	
		US- 6,055,411	04-25-2000	Ishida et al.	
		US- 6,064,697	05-2000	Yoshikawa	
		US- 6,067,648	05-2000	Hunter et al.	
		US- 6,069,887	05-2000	Geiger et al.	
		US- 6,091,717	07-18-2000	Honkasalo et al.	
		US- 6,094,464	07-25-2000	Ebringer et al.	
		US- 6,097,707 A	08-01-2000	Hodzic et al.	
		US- 6,097,766	08-2000	Okubo et al.	
		US- 6,115,390	09-05-2000	Chuah	
		US- 6,122,291 A	09-2000	Robinson et al.	
		US- 6,133,875	10-17-2000	Kishimoto	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5

of 8

Complete if Known

Application Number	09/393,126
Filing Date	September 10, 1999
First Named Inventor	Roberto Aiello
Art Unit	2666
Examiner Name	Ronald Abelson
Attorney Docket Number	00030

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		Number-Kind Code ² (if known)			
		US- 6,161,138	12-2000	Gross et al.	
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		US- 6,181,687	01-2001	Chatschik Bisdikian	
		US- 6,212,230	04-2001	Rybicki et al.	
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		US- 6,239,741 B1	05-2001	Fontana et al.	
		US- 6,243,372	06-2001	Petch	
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		Art Unit	2666
		Examiner Name	Ronald Abelson
Sheet 8	of 8	Attorney Docket Number	00030

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"802.1D and 802.1Q Bridging Conformance" TA Document IEEE802.17-11Jul2001/040:3, 1394 Trade Association, 7 pages, October 2001.	
		"IEEE Standards for Local Area Networks: Carrier Sense Multiple Access with Collision Detection", ANSI/IEEE Std. 802.3-1998, The Institute of Electronic and Electrical Engineers, pp. 1-103, 1998.	
		J HUSTED, A WALKER & G GOUBEAUD, "A Time-Division Multiple-Access System for the Defense Satellite Communications System", COMSAT Laboratories, Communications Satellite Corp., Washington D.C., EASCON Pages 229-237	
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		Dr. James P. K. Gilb, Wireless Multimedia... A Guide to the IEEE 802.15.3 Standard, March 2004, 14 pages.	

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